SEQUENCE LISTING

<110> KE, Zhaoxi

<120> ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
THEREOF

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<211> 1338
<212> DNA
<213> Homo sapiens

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2

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6

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<400> 4

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            20                  25                  30
Ile Leu Lys Ile Ser Gln Pro Gln Glu Pro Glu Leu Met Asn Ala Asn
        35                  40                  45
Pro Ser Pro Pro Pro Ser Pro Ser Gln Gln Ile Asn Leu Gly Pro Ser
    50                  55                  60
Ser Asn Pro His Ala Lys Pro Ser Asp Phe His Phe Leu Lys Val Ile
65                  70                  75                  80
Gly Lys Gly Ser Phe Gly Lys Val Leu Leu Ala Arg His Lys Ala Glu
                85                  90                  95
Glu Val Phe Tyr Ala Val Lys Val Leu Gln Lys Lys Ala Ile Leu Lys
            100                 105                 110
Lys Lys Glu Glu Lys His Ile Met Ser Glu Arg Asn Val Leu Leu Lys
        115                 120                 125
Asn Val Lys His Pro Phe Leu Val Gly Leu His Phe Ser Phe Gln Thr
    130                 135                 140
Ala Asp Lys Leu Tyr Phe Val Leu Asp Tyr Ile Asn Gly Gly Glu Leu
145                 150                 155                 160
Phe Tyr His Leu Gln Arg Glu Arg Cys Phe Leu Glu Pro Arg Ala Arg
                165                 170                 175
Phe Tyr Ala Ala Glu Ile Ala Ser Ala Leu Gly Tyr Leu His Ser Leu
            180                 185                 190
Asn Ile Val Tyr Arg Asp Leu Lys Pro Glu Asn Ile Leu Leu Asp Ser
        195                 200                 205
Gln Gly His Ile Val Leu Thr Asp Phe Gly Leu Cys Lys Glu Asn Ile
    210                 215                 220
Glu His Asn Ser Thr Thr Ser Thr Phe Cys Gly Thr Pro Glu Tyr Leu
225                 230                 235                 240
Ala Pro Glu Val Leu His Lys Gln Pro Tyr Asp Arg Thr Val Asp Trp
                245                 250                 255
Trp Cys Leu Gly Ala Val Leu Tyr Glu Met Leu Tyr Gly Leu Pro Pro
                260                 265                 270
Phe Tyr Ser Arg Asn Thr Ala Glu Met Tyr Asp Asn Ile Leu Asn Lys
            275                 280                 285
Pro Leu Gln Leu Lys Pro Asn Ile Thr Asn Ser Ala Arg His Leu Leu
    290                 295                 300
Glu Gly Leu Leu Gln Lys Asp Arg Thr Lys Arg Leu Gly Ala Lys Asp
305                 310                 315                 320
Asp Phe Met Glu Ile Lys Ser His Val Phe Phe Ser Leu Ile Asn Trp
                325                 330                 335
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7

Asp Asp Leu Ile Asn Lys Lys Ile Thr Pro Pro Phe Asn Pro Asn Val
            340   345   350
Ser Gly Pro Asn Asp Leu Arg His Phe Asp Pro Glu Phe Thr Glu Glu
            355   360   365
Pro Val Pro Asn Ser Ile Gly Lys Ser Pro Asp Ser Val Leu Val Thr
    370   375   380
Ala Ser Val Lys Glu Ala Ala Glu Ala Phe Leu Gly Phe Ser Tyr Ala
385   390   395   400
Pro Pro Thr Asp Ser Phe Leu
                405